## **EAST Search History**

| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|--|---|---------------------|---------|---------------------|
| S1<br>S3 | 1    | ("20060240602").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | OFF     | 2009/03/23<br>14:25 |
| S3       | 67   | (ROCA near3 CABARROCAS).in. or VANDERHAGHEN-REGIS.in. or DREVILLON-BERNARD.in. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2009/03/23<br>14:27 |
| S4       | 2    | S3 and (transistor).dm.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2009/03/23<br>14:28 |
| S5       | 3    | ("5686349"   "6017779"   "6078059").FN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2009/03/23<br>14:30 |
|          | 44   | (257/E31.045).CQLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | OFF     | 2009/03/23<br>15:30 |
| S6<br>S7 | 413  | (257/E29.294).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR                  | OFF     | 2009/03/23<br>15:32 |

| S8  | 1502  | (257/E29.293).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | OFF | 2009/03/23<br>15:32 |
|-----|-------|---|---|----|-----|---------------------|
| S9  | 134   | (257/E29.292).CQLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | OFF | 2009/03/23<br>15:32 |
| S10 | 1855  | (257/F29.292,F29.293,F29.294).OOLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | OFF | 2009/03/23<br>15:37 |
| S11 | 986   | S10 and @ad<"20030206"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON  | 2009/03/23<br>15:37 |
| S12 | 44    | S11 and ((grain with size) same (microcrystalline or (micro adj<br>crystalline)))         | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO;<br>IBM_TDB | OR | ON  | 2009/03/23<br>15:38 |
| S15 | 12651 | ((438/29,30,69,82,99,149,151,161,485,676,680) or (257/E29.292,<br>E29.293,E29.294)).CQLS. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | OFF | 2009/03/23<br>15:48 |
| S16 | 6382  | S15 and @ad<"20030206"  | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO;<br>IBM_TDB | OR | ON  | 2009/03/23<br>15:48 |

| S17  | 26  | S16 and (top adj gate).ab. and ((PECVD or plasma) same (silicon or microcrystalline or ".mu.c-S"))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/03/23<br>16:05          |
|------|-----|---|---|----|----|------------------------------|
| S18  | 432 | \$16 and (top adj gate) and ((PECVD or plasma) same (silicon or microcrystalline or ".mu.c-S"))     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/03/23<br>16:09          |
| 319  | 61  | S16 and (top adj gate) and ((PECVD or plasma) same (microcrystalline or ".mu.o-S"))                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/03/23<br>16:09          |
| S20  | 60  | S19 not S17   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/03/23<br>16:09          |
| \$21 | 8   | S11 and (crystalline near3 fraction)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/03/23<br>17:14          |
| \$22 | 13  | \$16 and (crystalline near3 fraction) and transistor and (microcrystalline or ".mu.c\$4")           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/03/23<br>17:19          |
| \$23 | 35  | @ad<"20030206" and (crystalline near3 fraction) and transistor and (microcrystalline or ".mu.c\$4") | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/03/ <i>2</i> 3<br>17:20 |

| 324  | 22    | S23 not S22   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON  | 2009/03/23<br>17:20 |
|------|-------|---|---|----|-----|---------------------|
| S25  | 12664 | ((438/29,30,69,82,99,149,151,161,485,676,680) or (257/E29.292,<br>E29.293,E29.294)).CQLS.       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | OFF | 2009/03/24<br>13:37 |
| S26  | 6382  | S25 and @ad<"20030206"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON  | 2009/03/24<br>13:37 |
| S27  | 28    | \$26 and ((plasma with treat\$4 with (gate adj insulat\$4)))                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON  | 2009/03/24<br>13:38 |
| \$28 | 8     | TFT and @ad<"20030206" and ((plasma with treat\$4 with (gate adj insulat\$4)) same ("o.sub.2")) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON  | 2009/03/24<br>14:02 |
| \$29 | 1502  | (257/E29.293).COLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | OFF | 2009/03/24<br>14:43 |
| \$30 | 167   | S29 and ((top adj gate) same (bottom adj gate))   | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO;<br>IBM TDB | OR | ON  | 2009/03/24<br>14:44 |

| S33 | 199 | "438".clas. and @ad< "20030206" and ((plasma with treat\$4 with (insulat\$4)) same (improv\$4 or reduc\$4))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2009/03/24<br>16:00 |
|-----|-----|---|---|----|----|---------------------|
| S34 | 160 | "438".clas. and @ad<"20030206" and ((plasma with treat\$4 with (insulat\$4)) same (improv\$4 or reduc\$4))  | US-PGPUB;<br>USPAT                                    | OR | ON | 2009/03/24<br>16:00 |
| S35 | 13  | "438".clas. and @ad< "20030206" and ((plasma with treat\$4 with (insulat\$4) with ("n.sub.2" or "o.sub.2")) same (improv\$4 or reduc \$4))                      | US-PGPUB;<br>USPAT                                    | OR | ON | 2009/03/24<br>16:01 |
| S36 | 17  | ("438".clas. or "257".clas.) and @ad<"20030206" and ((plasma<br>with treat\$4 with (insulat\$4) with ("n.sub.2" or "o.sub.2")) same<br>(improv\$4 or reduc\$4)) | US-PGPUB;<br>USPAT                                    | OR | ON | 2009/03/24<br>16:56 |
| S37 | 90  | ("438".das. or "257".das.) and @ad<"20030206" and (plasma with treat\$4 with (insulat\$4) with ("n.sub.2" or "o.sub.2"))  | US-PGPUB;<br>USPAT                                    | OR | ON | 2009/03/24<br>16:57 |

## 3/25/2009 11:08:28 AM

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